

SUPSI

Researcher at the Institute of Earth Sciences

The University of Applied Sciences and Arts of Southern Switzerland (SUPSI), active in the fields of natural and built environments, economics, technological innovation, applied art, social work and healthcare, learning and education, theatre and music, opens a position as Researcher for the Project 4ONSE at the Department of constructions, environment and design (DACD), within the Institute of Earth Sciences (IST), supported by SNSF Grant IZ07ZO_160906/1. Percentage of occupancy between 80% and 100%.

Tasks

- Work for the 4ONSE Project.

The research is developed with partner of Sri Lanka in the context of research for development.

In short the project aims at advance in the comprehension of non-conventional monitoring systems based on fully open technologies (hardware, software, data and standard) within the context of development and cooperation. The research foreseen the establishment of an experimental system for the collection of detailed information that will provide answers to still open issues of these kinds of systems like data quality, metadata accessibility, interoperability and sustainability.

The project activities include the integration of the technologies already experimented by the project partners, in particular the IST shall further develop and test the software istSOS. From the second year, the experimental monitoring system will be deployed in Sri Lanka and monitored to collect and analyse data for evaluating the system quality, sustainability and applicability in real cases.

Requirements

- PhD in Geoinformatics (or related field) with less than 5 years' experience in research activities.
- Experience and/or interest in topics such as open software for geospatial (FOSS4G), open geographical standards (OGC), spatio-temporal big data, programming and optimization of geospatial software, configuration and optimization of geo-Web services.
- Proficiency in written and spoken English.

Other non-mandatory but relevant requirements are:

- Experience and/or interest in topics such as monitoring systems, environmental data analysis, environmental modelling, Web programming.

We offer

- Fixed-term position for 1 years, eventually with the possibility of extension.
- Attractive salary, in line with Swiss standards.
- International working environment.
- Travel support to participate in high quality conferences, workshops and schools.

The information for this position is published in the "Direttive Interne SUPSI" (direttiva 7A, art. 2) and in "Regolamento del personale SUPSI", at www.supsi.ch (follow SUPSI, Documenti ufficiali).

For further information please contact:

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More information about the research project: www.4onse.ch and www.r4d.ch/Pages/climate-monitoring-system.aspx.

Only applications submitted via the **online application form**, since the date of publication until the **30th June 2016** will be considered. Incomplete applications, sent after the deadline or submitted to other addresses will not be considered.